

## CLAIMS

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1. Avian cell line, which is immortalized, but untransformed, and resistant to apoptosis.

5 ~~2. The~~ Avian cell line according to Claim 1, ~~characterized in that~~ <sup>wherein</sup> it is obtained from cells of avian tissues.

3. <sup>the</sup> ~~The~~ Avian cell line according to Claim 2, <sup>characterized</sup> ~~characterized~~ in that it is <sup>obtained</sup> ~~derived~~ from fibroblasts or  
10 epithelial cells.

4. Immortal, untransformed avian cell line, which is selected from the group consisting of:

15 - cell line TDF-2A bcl-2, which is deposited in the CNCM (Collection Nationale de Cultures de Microorganismes de l'Institut Pasteur [Pasteur Institute National Collection of Microorganism Cultures]) under reference number I-1709.

- cell line TCF-4.10, which is deposited in the CNCM under reference number I-1710.

20 - cell line TCF-4.10 bcl-2, which is deposited in the  
CNCM under reference number I-1711. *ht*

75. Immortal avian cells which are derived from the cell line according to ~~one of Claims 1 to 4.~~ <sup>claim 4</sup>

6. Cells according to Claim 5, characterized in that they contain at least one expression cassette which comprises at least one nucleotide sequence encoding a molecule of industrial relevance.

7. Cells according to Claim 6, characterized in that the nucleotide sequence encodes a viral subunit of the peptide, protein or glycoprotein type or encodes protein molecules such as hormones.

8. Cells according to Claim 5, characterized in that they are infected, (preferably chronically, with a virus which is able to multiply in these cells.

A 35 9. Cells according to <sup>claim 5</sup> ~~any one of Claims 5 to 8,~~ characterized in that they contain a survival or anti-apoptotic gene other than bcl-2, which gene is preferably selected from the group consisting of p19E1B from human adenovirus, LMP-1 from Epstein Barr virus,

BHRF1 from Epstein Barr virus, ICP34.5 from herpes simplex virus and p35 from baculovirus.

A 10. Cells according to <sup>claim 5</sup> ~~any one of claims 5 to 9~~, characterized in that they integrate vectors which are  
5 able to overexpress one or more of the genes involved in controlling the cell cycle in order to increase the rate of proliferation.

A 11. Cells according to <sup>claim 5</sup> ~~any one of Claims 5 to 10~~, characterized in that they integrate genes which encode  
10 viral receptors.

A 12. Cells according to <sup>claim 5</sup> ~~any one of Claims 5 to 11~~, characterized in that they integrate oncogenes which are able to accelerate cell growth.

15 A 13. Method for producing molecules of industrial relevance of viruses, comprising culturing cells according to <sup>claim 5</sup> ~~any one of Claims 5 to 12~~.

Sub B3

Add B4